

CLAIMS

Amend the following claims:

[34] 35. A method [fuel injection valve] as defined in claim 32; and further comprising recessing the outlet region with a highly focused, high-energy radiation of beams selected from the group consisting of electron beams and laser beams.

[35] 36. A method [fuel injection valve] as defined in claim 32; and further comprising recessing the outlet region by a mold wire erosion.

[36] 37. A method as defined in claim 32, wherein said creating the throughhole in the first metal step includes creating the throughhole with a cross-section selected from the group consisting of a circular cross-section and an elliptical cross-section.

[37] 38. A method for producing outlet openings in a fuel injection valve having a fuel inlet, an excitable actuating device, a valve closing member movable by the excitable actuating device, a valve closing member cooperating with the valve seat for opening and closing the valve,

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at least one outlet opening as a fuel outlet provided downstream of the valve seat, a swirl-generating means upstream of the at least one outlet opening, a swirl-generating means associated with the outlet opening, the method comprising the steps of creating in a first method step a blind bore from an inlet side and opposite to an injection end; and creating in a second method step from the injection end of the outlet opening an outlet region up to the blind bore, far enough to create a continuous outlet opening.

[38]39. A method as defined in claim [37] 38; and further comprising recessing the blind bore by a process selected from the group consisting of an erosion and a laser beam boring.

[39] 40. A [fuel injection valve] method as defined in claim [37]38; and further comprising recessing the outlet region by a non-metal-cutting production process.

[40]41. A [fuel injection valve] method as defined in claim [37]38; and further comprising recessing the outlet region by a highly focused, high-energy radiation, with beams selected from the group consisting of electron beams and laser beams.

[41]42. A method [fuel injection valve] as defined in claim

A, [37]38; and further comprising recessing the outlet region by a mold wire erosion.

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Amended claims:

35. A method as defined in claim 32; and further comprising recessing the outlet region with a highly focused, high-energy radiation of beams selected from the group consisting of electron beams and laser beams.

36. A method as defined in claim 32; and further comprising recessing the outlet region by a mold wire erosion.

37. A method as defined in claim 32, wherein said creating the throughhole in the first metal step includes creating the throughhole with a cross-section selected from the group consisting of a circular cross-section and an elliptical cross-section.

38. A method for producing outlet openings in a fuel injection valve having a fuel inlet, an excitable actuating device, a valve closing member movable by the excitable actuating device, a valve closing member cooperating with the valve seat for opening and closing the valve, at least one outlet opening as a fuel outlet provided downstream of the valve seat, a swirl-generating means upstream of the at least one outlet opening, a swirl-

generating means associated with the outlet opening, the method comprising the steps of creating in a first method step a blind bore from an inlet side and opposite to an injection end; and creating in a second method step from the injection end of the outlet opening an outlet region up to the blind bore, far enough to create a continuous outlet opening.

39. A method as defined in claim 38; and further comprising recessing the blind bore by a process selected from the group consisting of an erosion and a laser beam boring.

40. A method as defined in claim 38; and further comprising recessing the outlet region by a non-metal-cutting production process.

41. A method as defined in claim 38; and further comprising recessing the outlet region by a highly focused, high-energy radiation, with beams selected from the group consisting of electron beams and laser beams.

42. A method as defined in claim 38; and further comprising recessing the outlet region by a mold wire erosion.